UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.   42390.P7574   **Total Pages** _2_

First Named Inventor or Application Identifier_____ Gary L. Graunke _____

Express Mail Label No.___ EL 414969073 US _____

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1.   _X_   Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2.   _X_   Specification   (Total Pages ___25___)
(preferred arrangement set forth below)
- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure

3.   _X_ Drawings(s) (35 USC 113)   (Total Sheets ___3___)

4.   _X_ Oath or Declaration   (Total Pages _4___)

   a.   _X_   Newly Executed (Original or Copy)

   b.   ___   Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed) **(Note Box 5 below)**

   i.   ___   DELETIONS OF INVENTOR(S) Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).

5.   _   Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or
declaration is supplied under Box 4b, is considered as being part of the
disclosure of the accompanying application and is hereby incorporated by
reference therein.

6. ___ Microfiche Computer Program (Appendix)

7. ___ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
    a. ____ Computer Readable Copy
    b. ____ Paper Copy (identical to computer copy)
    c. ____ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. __X__ Assignment Papers (cover sheet & documents(s))

9. _____ a. 37 CFR 3.73(b) Statement (where there is an assignee)

   __X__ b. Power of Attorney

10. _____ English Translation Document (if applicable)

11. _____ a. Information Disclosure Statement (IDS)/PTO-1449

   _____ b. Copies of IDS Citations

12. _____ Preliminary Amendment

13. __X__ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

14. _____ a. Small Entity Statement(s)

   _____ b. Statement filed in prior application, Status still proper and desired

15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. __X__ Other: Separate sheet with Certificate of Mailing, attorney signature and registration number and copy of return postcard

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17. **If a CONTINUING APPLICATION,** check appropriate box and supply the requisite information:

   ____ Continuation   ____ Divisional   ____ Continuation-in-part (CIP)

   of prior application No: __

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18. **Correspondence Address**

_____ Customer Number or Bar Code Label   _____
               (Insert Customer No. or Attach Bar Code Label here)
       or

__X__ Correspondence Address Below

NAME   __Aloysius T. C. AuYeung__

     __BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP__

ADDRESS   __12400 Wilshire Boulevard__

     __Seventh Floor__

CITY __Los Angeles__   STATE __California__   ZIP CODE __90025-1026__

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FEE TRANSMITTAL

EXPRESS MAIL NO. <u>EL 414969073 US</u>

Complete if Known:

Application No.	Not yet assigned
Filing Date	August 28, 1999
First Named Inventor	Gary L. Graunke
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	42390.P7574

METHOD OF PAYMENT (check one)

1. [X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

   Deposit Account Number   <u>02-2666</u>
   Deposit Account Name _____

   [X] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

   [   ] Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)

2.   <u>X</u>   Payment Enclosed
     <u>X</u>   Check
   _____ Money Order
   _____ Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
101	760	201	380	Utility application filing fee	760.00
106	310	206	155	Design application filing fee	_____
107	480	207	240	Plant filling fee	_____
108	760	208	380	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____

SUBTOTAL (1) $ 760.00

2. CLAIMS

	Extra		Fee from below	Fee Paid
Total Claims 28 – 20 =	8	X	18.00 =	$144.00
Independent Claims 3 – 3 =	0	X	78.00 =	_____
Multiple Dependent Claims	_____	X	_____ =	_____

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of twenty	$144.00
102	78	202	39	Independent claims in excess of 3	_____
104	260	204	130	Multiple dependent claim	_____
109	78	209	39	Reissue independent claims over original patent	_____
110	18	210	9	Reissue claims in excess of 20 and over original patent	_____

SUBTOTAL (2) $ 144.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	380	216	190	Extension for response within second month	
117	870	217	435	Extension for response within third month	
118	1,360	218	680	Extension for response within fourth month	
128	1,850	228	925	Extension for response within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,210	241	605	Petition to revive unintentionally abandoned application	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	$40.00
146	760	246	380	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (see 37 CFR 1.129(a))	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) $ 40.00

*Reduced by Basic Filing Fee Paid

TOTAL AMOUNT OF PAYMENT ($)

$ 944.00

SUBMITTED BY:

Typed or Printed Name: Aloysius T. C. AuYeung

Signature _____ Date 8/7/95

Reg. Number 35,432 Deposit Account User ID _____

(complete if applicable)

A STREAM CIPHER HAVING A SHUFFLE NETWORK COMBINER FUNCTION
Inventors: Gary L. Graunke, David A. Lee, Robert W. Faber

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP
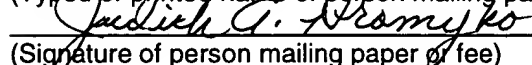
Aloysius T. C. AuYeung
Reg. No. 35,432

"Express Mail" mailing label number: ___EL 414969073 US___
Date of Deposit: _____August 29, 1999_____
I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

___**Judith A. Hromyko**___
(Typed or printed name of person mailing paper or fee)

_____ __8/29/99__
(Signature of person mailing paper or fee)   (Date signed)

Serial/Patent No.: ***** **** Filing/Issue Date: ***** *****
Client: **INTEL CORPORATION** (Graunke et al)
Title: **A STREAM CIPHER HAVING A SHUFFLE NETWORK COMBINER FUNCTION**

BSTZ File No.: **42390.P7574** Atty/Secty Initials: **ATA/m t**
Date Mailed: **August 29, 1999** Docket Due Date: *****

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

☐ Amendment/Response (___ pgs.)	■ Express Mail No. **EL4149690073US** ■ Check No. **6777**
☐ Appeal Brief (___ pgs.) (in triplicate)	☐ Month(s) Extension of Time Amt **$944.00**
■ Application - Utility (**25** pgs., with cover and abstract)	☐ Information Disclosure Statement & PTO 149 (___ pgs.) ☐ Check No. ___
☐ Application - Rule 1.53(b) Continuation (___ pgs.)	☐ Issue Fee Transmittal Amt ___
☐ Application - Rule 1.53(b) Divisional (___ pgs.)	☐ Notice of Appeal
☐ Application - Rule 1.53(b) CIP (___ pgs.)	☐ Petition for Extension of Time
☐ Application - Rule 1.53(d) CPA Transmittal (___ pgs.)	☐ Petition for ___
☐ Application - Design (___ pgs.)	■ Postcard
☐ Application - PCT (___ pgs.)	☐ Power of Attorney (___ pgs.)
☐ Application - Provisional (___ pgs.)	☐ Preliminary Amendment (___ pgs.)
■ Assignment and Cover Sheet — **4pgs Signed**	☐ Reply Brief (___ pgs.)
■ Certificate of Mailing *	☐ Response to Notice of Missing Parts
■ Declaration & POA (**4** pgs.) **Signed**	☐ Small Entity Declaration for Indep. Inventor/Small Business
☐ Disclosure Docs & Orig &Copy of Inventors Signed Letter (___ pgs)	■ Transmittal Letter, in duplicate
■ Drawings **3** # of sheets includes **6** figures	■ Fee Transmittal, in duplicate

☐ Other: * **Separate sheet with Certificate of Mailing, attorney signature and registration number and copy of return postcard**